

Claims

1. A conveyor for moving very heavy loads, consisting of a chain having width-wise multiple solid links and wherein, in the longitudinal direction, the multiple solid links are alternately of plastic and metal, characterized in that the plastic links have both a bearing and a pulling function and simultaneously form a sleeve bearing with the underground over which they drag.
2. A conveyor according to claim 1, characterized in that the chain is provided at the bottom side with a continuous one-piece rubber band mechanically attached thereto.
3. A conveyor according to claim 1, characterized in that the plastic links and the metal links have the same height.
4. A conveyor according to claim 1, characterized in that the metal connecting pin connecting the multiple solid links of one row to each other and to the following row of multiple solid links, consist of one piece.
5. A conveyor according to claim 1, characterized in that the metal connecting pin connects the multiple solid links of one row to each other and to the following row of multiple solid links in a manner such that it cannot move relative to the metal links but that it can hingingly move the metal links relative to the plastic links.
6. A conveyor according to claim 1, characterized in that the width of the links is in inversely proportional relation to the specific tensile strength of the materials from which they have been composed.
7. A conveyor according to claim 1, characterized in that the underground over which the conveyor drags has a top layer of a nylon filled with a lubricant.
8. A conveyor according to claim 1, characterized in that the plastic links consist of the plastic POM.